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### TC2050-IDC-NL

Tag-Connect's TC2050-IDC-NL "No Legs" Plug-of-Nails™ cable is a 10-conductor cable fitted with a spring-pin Tag-Connector that conveniently plugs directly into your PCB and terminates in a 0.1" ribbon connector.

**Plugs straight to your PCB - No mating connector or header required!**

**Requires only a tiny 0.03" footprint of pads and locating holes in your PCB.**

**Zero Cost Per Board!**

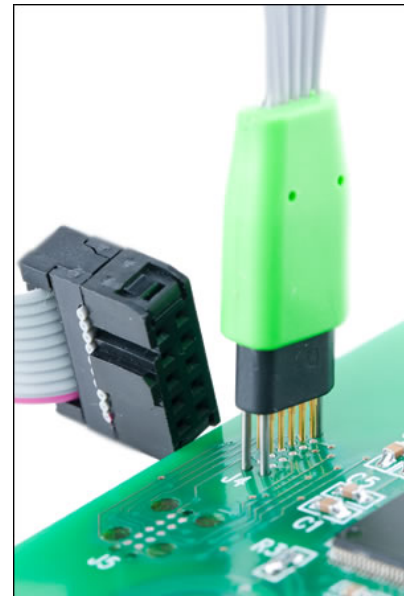
**Tiny Footprint!**

**High-Reliability Spring-Pins make a Secure Connection and are rated for over 100,000 operations**

**Footprint has no height and can reduce the size and space requirements of your PCB.**

**A great way to make test and debug signals available at no cost and with minimal board space.**

**Can be retained in place using a TC2050-CLIP board.**



Tag-Connect cables provide a simple, reliable means of connecting Debuggers and Programmers or other test equipment to your PCB's while lowering board costs and facilitating efficient production programming.

Tag-Connect uses a specially designed (Patent Pending) connector which eliminates the need for putting a programming header or other mating connector on every PCB. Instead, Tag-Connect uses tried and tested spring-pins rated for over 100,000 operations to make a secure connection to a special footprint pattern of pads and locating holes in your PCB.

The tiny "No Legs" footprint takes only 0.03 square inches (about the same board space as a couple of SMT resistors) which means you can locate the footprint right next to the MCU if desired.

This 10-conductor cable has a TC2050-NL Tag-Connector on one end and a standard 0.1" ribbon connector on the other and is suitable for use with most many MCU's / FPGA's and JTAG programming and debug operations.

A growing range of adaptors are available for specific and generic applications such as Xilinx SPARTAN and VERTEX FPGA's, and TI MSP430 (TC2050-IDC-430).

**For full specifications, please download the [TC2050-IDC-NL Datasheet \(pdf\)](#)**

Also available in self-retaining "legged" version (TC2050-IDC). [See TC2050-IDC](#)

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